

## **ABSTRACT**

An automated power-driven pool cleaning apparatus is provided with a motion translating member that contacts the surface being cleaned, an associated signal transmitter and a sensor that is connected to the pool cleaner's programmed electronic control device, or chip, so that when the cleaner is moving, the mtm moves the signal transmitter past the sensor thereby providing an intermittent signal. When the cleaner stops moving, no intermittent signal is received and after a predetermined period of time, the control device causes the cleaner's drive means to move the cleaner in a different direction.

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